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Application Number	09/904,175
Filing Date	July 11, 2001
First Named Inventor	Duong, H. et al.
Group Art Unit	1645
Examiner Name	Not Yet Assigned
Attorney Docket Number	A-68718-3/RFT/RMS/RMK

Sheet	1	of	1
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	Dec 02
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

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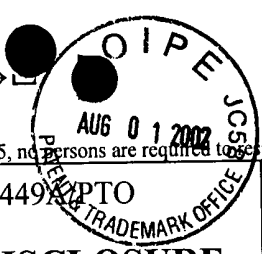
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
M	1	4,882,013		Turner et al.	11/1989	
	2	4,964,972		Sagiv et al.	10/1990	
	3	5,064,618		Baker et al.	11/1991	
	4	5,066,372		Weetall	11/1991	
	5	5,505,321		Caron et al.	04/1996	
	6	5,519,635		Miyake et al.	05/1996	
	7	5,622,821		Selvin et al.	04/1997	
	8	5,650,061		Kuhr et al.	07/1997	
	9	5,694,932		Michel	12/1997	
	10	5,705,346		Okamoto et al.	01/1998	
	11	5,727,548		Hill et al.	03/1998	
	12	5,728,532		Ackley	03/1998	
	13	5,976,802		Ansorge et al.	11/1999	
	14	6,090,933		Kayyem et al.	07/2000	
	15	6,114,122		Besmer et al.	09/2000	
	16	6,153,737		Manoharan et al.	11/2000	
	17	6,197,515		Bamdad et al.	03/2001	
	18	6,203,758	B1	Marks et al.	03/2001	
	19	6,207,369	B1	Wohlstadter et al.	03/2001	
	20	6,221,583		Kayyem et al.	04/2001	

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		Office ³	Number ⁴	Kind Code ² (if known)				
M	21	WO	90/05303	A1	Pharmacia AB	05/1990		
	22	WO	97/46568	A1	California Institute of Technology	12/1997		
	23	WO	98/31839	A2	Presidents and Fellows of Harvard College	07/1998		
	24	WO	98/57158		Clinical Micro Sensors	12/1998		
	25	WO	99/33559	A1	Cepheid	07/1999		

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Sheet	2		3
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		Number	Kind Code ² (if known)			
✓	26	6,232,062		Kayyem et al.	05/2001	
	27	6,258,545		Meade et al.	07/2001	
	28	6,268,149		Meade et al..	07/2001	
	29	6,268,150		Meade et al.	07/2001	
	30	6,277,576		Meade et al.	08/2001	
	31	6,300,141	B1	Segal		
	32	6,306,584		Bamdad	10/2001	
	33	6,322,979		Bamdad et al.	11/2001	
	34	20010034033	A1	Meade et al.	10/2001	
	35	20010046679	A1	Meade et al.	11/2001	

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Examiner Name	Not Yet Assigned
Attorney Docket Number	A-68718-3/RFT/RMS/RMK

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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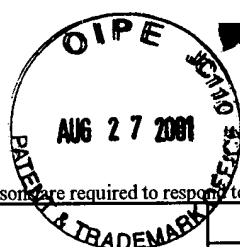
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	09/904,175	
			Filing Date	July 11, 2001	
			First Named Inventor	Duong et al.	
			Group Art Unit	Not Yet Assigned	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	13	Attorney Docket Number	A-68718-3/RFT/RMS/RMK

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>M</i>	1	4,707,352		Stavrianopoulos	11/1987	
	2	4,707,440		Stavrianopoulos	11/1987	
	3	4,711,955		Ward et al.	12/1987	
	4	4,755,458		Rabbani et al.	7/1988	
	5	4,840,893		Hill et al.	6/1989	
	6	4,849,513		Smith et al.	7/1989	
	7	4,868,103		Stavrianopoulos et al.	9/1989	
	8	4,894,325		Englehardt et al.	1/1990	
	9	4,943,523		Stavrianopoulos	7/1990	
	10	4,952,685		Stavrianopoulos	8/1990	
	11	4,994,373		Stavrianopoulos	2/1991	
	12	5,002,885		Stavrianopoulos	3/1991	
	13	5,013,831		Stavrianopoulos	5/1991	
	14	5,082,830		Brakel et al.	1/1992	
	15	5,175,269		Stavrianopoulos	12/1992	
	16	5,241,060		Englehardt et al.	8/1993	
	17	5,278,043		Bannwarth et al.	1/1995	
	18	5,312,527		Mikkelsen et al.	5/1994	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office ³	Number ⁴	Kind Code ² (if known)				
M	19	EP	0 234 938	A2	Cranfield Inst. of Tech.	2/1987		
✓	20	EP	0 229 943	B1	Molecular Biosystems Inc.	7/1987		
✓	21	EP	0 599 337	A2	Canon Kabushiki Kaisha	1/1994		
✓	22	EP	0 063 879	A2	Yale University	11/1982		
✓	23	EP	0 515 615		Boehringer Mannheim	9/1996		
✓	24	CA	2 090 904	A1	F. Hoffman-La Roche	9/1993		
	25	JP	238,166	A	Mitsubishi Corp.	1988	abstract	
M	26	JP	6-41183	A2	Mitsubishi Corp.	1994		

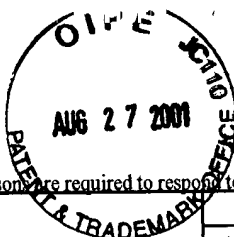
Examiner Signature	<i>M</i>	Date Considered	Dec 02
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	09/904,175	
			Filing Date	July 11, 2001	
			First Named Inventor	Duong et al.	
			Group Art Unit	Not Yet Assigned	
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Sheet	2	of	13	Attorney Docket Number	A-68718-3/RFT/RMS/RMK

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
W	27	5,328,824		Ward et al.	7/1994	
	28	5,403,451		Riviello et al.	4/1995	
	29	5,449,767		Ward et al.	9/1995	
	30	5,472,881		Beebe et al.	12/1995	
	31	5,476,928		Ward et al.	12/1995	
	32	5,552,270		Khrapko et al.	9/1996	
	33	5,565,552		Magda et al.	10/1996	
	34	5,573,906		Bannwarth et al.	11/1996	
	35	5,591,578		Meade et al.	1/1997	
	36	5,595,908		Fawcett et al.	1/1997	
	37	5,601,982		Sargent et al.	2/1997	
	38	5,620,850		Bamdad et al.	4/1997	
	39	5,705,348		Meade et al.	1/1998	
	40	5,741,700		Ershov et al.	4/1998	
	41	5,756,050		Ershov et al.	5/1998	
	42	5,770,369		Meade et al.	6/1998	
	43	5,770,721		Ershov et al.	6/1998	
	44	5,776,672		Hashimoto et al.	7/1998	

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		Office ³	Number ⁴	Kind Code ² (if known)				
W	✓ 45	WO	90/05732	A1	Columbia Univ.	5/1990		
	✓ 46	WO	92/10757	A1	Boehringer Mannheim	6/1992		
	✓ 47	WO	93/10267	A1	IGEN, Inc.	5/1993		
	✓ 48	WO	94/22889	A1	Cis Bio International	10/1994		
	✓ 49	WO	95/15971	A2	Calif. Inst. of Technology	6/1995		
	✓ 50	WO	96/40712	A1	Calif. Inst. of Technology	12/1996		

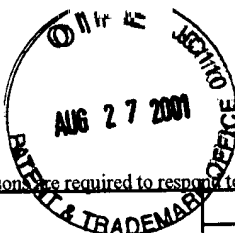
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h	✓ 51	5,780,234		Meade et al.	7/1998	
	✓ 52	5,824,473		Meade et al.	10/1998	
	✓ 53	5,851,772		Mirzabekov et al.	12/1998	
	✓ 54	5,952,172		Meade et al.	9/1999	
	✓ 55	4,945,045		Forrest et al.	07/1990	
	✓ 56	5,180,968		Bruckenstein et al.	01/1993	
	✓ 57	5,356,786		Heller et al.	10/1994	
	✓ 58	5,391,272		O'Daly et al.	02/1995	
	✓ 59	6,180,352		Meade et al.	01/2001	
	✓ 60	6,238,870		Meade et al.	05/2001	
	✓ 61	6,200,761		Meade et al.	03/2001	
	✓ 62	6,096,273		Kayyem et al.	08/2000	
	✓ 63	6,107,080		Lennox et al.	08/2000	

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		Office ³	Number ⁴	Kind Code ² (if known)				
4/	✓ 64	WO	97/01646	A2	Univ. of N. Carolina	1/1997		
	✓ 65	WO	97/44651	A1	AU Membrane and	11/1997		
	✓ 66	WO	97/27329	A1	Univ. of Chicago	7/1997		
	✓ 67	WO	98/20162	A2	Clinical Micro Systems	5/1998		
	✓ 68	WO	98/27229	A1	Univ. of Chicago	6/1998		
	69	WO	98/28444	A2	Univ. of Chicago	7/1998		
	✓ 70	WO	98/35232	A2	Univ. of N. Carolina	8/1998		
	✓ 71	WO	98/57319	A1	Clinical Micro Systems	6/1997		
	✓ 72	WO	99/67425	A2	Clinical Micro Systems	12/1999		
1/	✓ 73	WO	99/14596	A1	AB Sangtec Medical	3/1999		

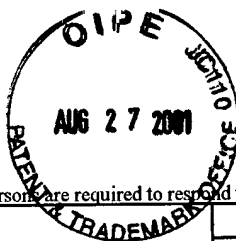
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		Number	Kind Code ² (if known)			
✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	74	4,704,193		Bowers et al.	11/1987	
	75	5,089,112		Skotheim et al.	02/10992	
	76	5,436,161		Bergstrom et al.	07/1995	
	77	5,443,701		Willner et al.	08/1995	
	78	5,242,828		Bergstrom et al.	09/1993	
	79	5,795,453		Gilmartin	08/1998	
	80	6,060,023		Maracas	05/2000	
	81	6,060,327		Keen	05/2000	
	82	6,071,699		Meade et al.	06/2000	
	83	6,087,100		Meade et al.	07/2000	
	84	6,177,250		Meade et al.	01/2001	
	85	4,787,963		MacConnell	11/1988	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
✓	92	WO	97/41425	A1	Pence, Inc.			
✓	93	WO	99/37819	A2	Clinical Micro Systems	07/1999		
✓	94	WO	86/05815	A1	GENETICS Int'l	03/1985		
✓	95	WO	93/22678	A2	MASS. INST. TECH	11/1993		
✓	96	WO	97/31256	A3	Cornell Res. Foundation	08/1997		
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✓	98	WO	98/57319	A1	Clinical Micro Systems	11/1999		
✓	99	WO	99/29711	A1	Nanogen Inc.	06/1999		

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				Application Number	09/904,175
				Filing Date	July 11, 2001
				First Named Inventor	Duong et al.
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	5	of	13	Attorney Docket Number	A-68718-3/RFT/RMS/RMK

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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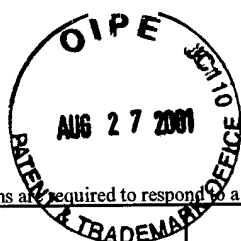
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				Filing Date	July 11, 2001
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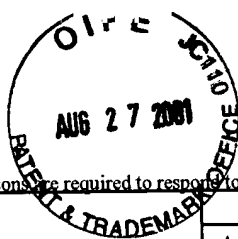
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/904,175
				Filing Date	July 11, 2001
				First Named Inventor	Duong et al.
				Group Art Unit	Not Yet Assigned
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Sheet	7	of	13	Attorney Docket Number	A-68718-3/RFT/RMS/RMK

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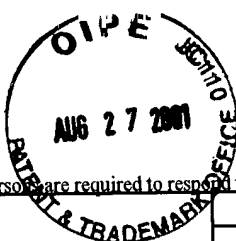
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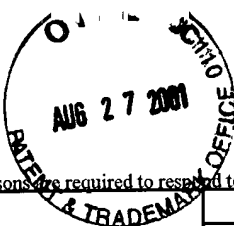
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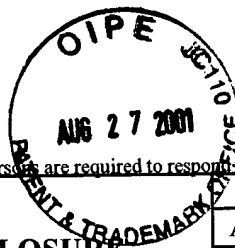
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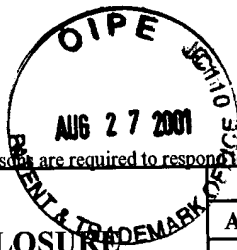
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H	185	Mucic et al., "DNA-Directed Synthesis of Binary Nanoparticle Network Materials," J. Am. Chem. Soc., 120:12674-12675 (1998).	
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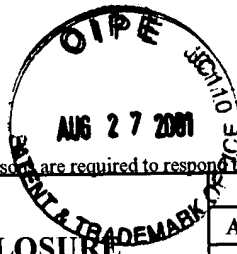
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M	216	Turro, N., et al. "Photoelectron Transfer Between Molecules Adsorbed in Restricted Spaces," <i>Photochem. Convers. Storage Sol. Energy, Proc. Int. Conf.</i> , 8th, pp 121-139 (1990).		
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